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(54) Title: HOP ACIDS AS A REPLACEMENT FOR ANTIBIOTICS IN ANIMAL FEED

(57) **Abstract:** A method of using hop acids for increasing food and energy uptake from feed by livestock is described which includes delivering the hop acids for oral ingestion to the animals by mixing the acids with livestock feed. The acids are mixed with the feed in an amount to inhibit certain types of undesirable bacteria in the livestock's digestive system, thereby increasing the production of propionate and lactate and decreasing the production of methane gas.



WO 2004/026041 A1